

Catalog Number: _____ Type: _____

Project: _____

Comments: _____ Date: _____

LED Gen III Wallpack



The LED GENIII Wallpack is designed with high-output LEDs to provide an energy efficient solution to replace up to 400 watt HID fixtures. The traditional, yet robust design maintains a building's aesthetics when upgrading to LED technology. The Wallpack is ideal for warehouses, schools, apartment complexes, loading docks, and other outdoor applications.



Wireguard



Beauty Plate



Visor



Construction

- Injection Die-Cast Aluminum Housing
- Shatter Resistant Borosilicate Glass Lens
- Textured Architectural Bronze Powdercoat Finish
- Silicone Gasketing
- Lightweight Backplate for Easy Installation

Controls

120-277V Photocell: The button photocell is designed to control lighting in accordance with ambient light level. It is equipped with quick-response time delay of approx. 3 seconds. The 120-277VAC operation suits most customer use applications. The product is UL773A listed, as well as CE and RoHS certified.

*PIR Bi-Level Motion Sensor:

The externally mounted motion sensor is IP65 rated for outdoor use. The bi-level dimming and daylight harvesting functions combine for the ideal energy savings strategy. The compatible remote programmer enables ease of commissioning and re-programming as needed. Please see the MS/MC054V Supplementary Specification Sheet for further details and commissioning instruction. Only one remote programmer is needed to commission multiple sensors

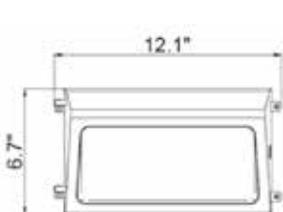
*The Remote Programmer must be ordered separately for commissioning. See the Accessory Table for Ordering Details

Features

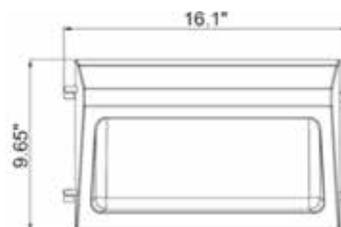
- Replaces up to a 400W Pulse Start Metal Halide
- Heavy Duty, Die-Cast Aluminum Housing
- Lens designed to provide high efficiency and target the light where it's needed
- 4000K and 5000K color temperature
- Energy Saving 0-10V Dimming, Photocell, and Motion Sensor Options
- IP65 Rated for Outdoor Dust and Wet Locations
- Type IV VS Optics Standard
- 4 Different Lumen Packages to Meet Multiple Application Needs

Example: WP1/CL40UBZ50							
Housing			Wattage	Voltage	Finish	CCT	Adders
WP1	/	CL	40	U	BZ	50	/ PC
WP1 = Small Housing (40W Only)							
WP2 = Large Housing (120W Only)		Semi-Cutoff	40 = 40W 120 = 120W	U=120-277V	BZ = Bronze Finish	40 = 4000K 50 = 5000K	Blank = No option PC = 120-277V Photocell

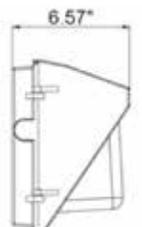
Dimensions



WP1 Housing



WP2 Housing



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Accessories Table

Ordering Code	Product Number	Wattage
10142	WP1/WG	WALLPACK WIRE GUARD; SMALL HOUSING; 40W & 60W Models
10143	WP2/WG	WALLPACK WIRE GUARD; LARGE HOUSING; 90W & 120W Models
10144	WP1/PLATE	BEAUTY PLATE FOR SEMI-CUTOFF WALLPACK; SIZE 1: 18.0" X 8.7" X 10"
10145	WP2/PLATE	BEAUTY PLATE FOR SEMI-CUTOFF WALLPACK; SIZE 2: 18.0" X 7.8" X 10"
10148	WP1/VISOR	WALLPACK VISOR; SMALL HOUSING; 40W & 60W Models
10149	WP2/VISOR	WALLPACK VISOR; LARGE HOUSING; 90W & 120W Models
10150	MS/MC054V	Field Installable MOTION SENSOR/ DAYLIGHT REMOTE CTRL COMPATIBLE RF5.8GHZ 120-277V OCC DLH ADJUST-ABLE IP65
10151	RM/MH01	REMOTE CONTROL PROGRAMMING; MS/MC054V; Required for Motion Sensor Commissioning
10152	ASS/DRVR/YGLP-S40W	347-480V Driver For 40W & 60W Wallpacks. 60W Models Require 2 Drivers
10153	ASS/DRVR/MWH-VG100H	347-480V Drivers for 90W Wallpacks
10154	ASS/DRVR/MWH-VG150H	347-480V Drivers for 120W Wallpacks

Ordering Information

Ordering Code	Product Number	Wattage	CCT	Finish
10137	WP1/CL40UBZ50	40	5000K	Bronze
10140	WP2/CL120UBZ50	120	5000K	Bronze
10159	WP1/CL40UBZ40/PC	40	4000K	Bronze
10162	WP2/CL120UBZ40/PC	120	4000K	Bronze

Performance Specifications

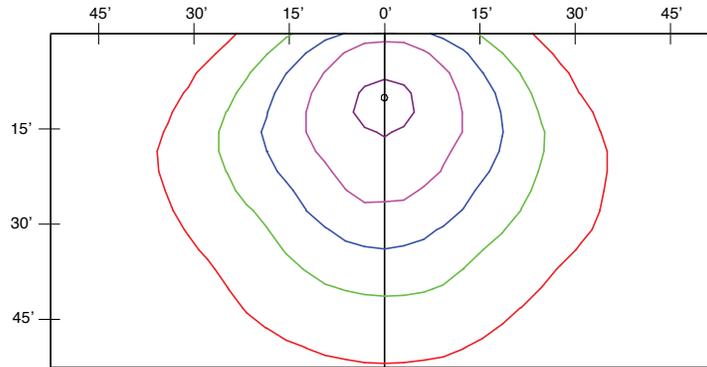
Rated Wattage	40	120
Rated Lumen Output	4475	13575
Efficacy	112	113
Energy Savings	175W MH replacement equating to an approximate 75% energy savings	400W PSMH replacement equating to an approximate 70% energy savings
*L70 Useful Lifetime	>100,000 hrs	
L70 Seller	Maintenance and relamping costs reduced dramatically due to high L70 life time rating	
Voltage Range	120-277V Standard; **347-480V Available	
Mounting Options	J-box/surface mounted	
CCT	4000K, 5000K	
CRI	>70	
BUG Ratings	B2-U3-G3	B4-U4-G5
Warranty	5 yr. standard Halco Warranty	
Finish	Bronze Standard Finish	
Operating Temperature	-40°F ~ 122°F (-40°C ~ 50°C)	
Surge Protection	6kV Integral Surge Suppression Standard	
Dimming	0-10V Dimming	
Power Factor	<.9	
THD	<15%	
Wet	***IP65 and UL Wet Listing	
Qualifications	DLC Standard, UL, cULus, RoHs	
Spacing Criteria	Available Upon Request	
Product Weight (lbs)	6.6	12.2
Dimensions (in.)	12.1"x6.7"x5.1"	16.1"x9.65"x6.57"
Construction	Injection die-cast aluminum body with shatter resistant glass lens	

*Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens. The lamp will continue to operate past this point at decreased light levels. **347-480V Drivers are Field-Installable. Please See Accessory Table for 347-480V Driver Ordering Information. ***IP rated as "dust tight" and protected against water projected from a nozzle. May not be compatible with all dimming systems, dimming performance may vary by system.
 Warranty – Commercial / Industrial: This product is warranted for 5 years from the date of purchase. **** Check the latest update at www.DesignLights.org for listed product catalog numbers. Not all versions are listed.

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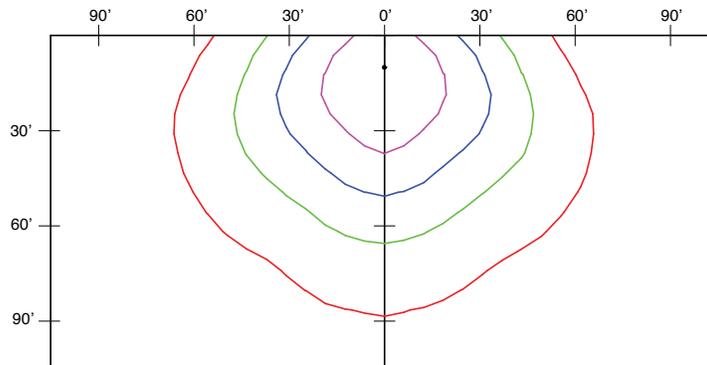
Photometrics

ISO Footcandle plot
Wp1 40W ISO FC_15ft



40 Watt Semi-Cutoff			
4500 Lumens			
15' Mounting Height			
FOOT-CANDLE CORRECTION FACTOR			
NEW HEIGHT:	10'	15'	20'
MULTIPLY BY:	2.33	1	0.58

ISO Footcandle plot
Wp2 120W ISO FC_30ft



120 Watt Semi-Cutoff			
10225 Lumens			
30' MOUNTING HEIGHT			
FOOT-CANDLE CORRECTION FACTOR			
NEW HEIGHT:	25'	30'	40'
MULTIPLY BY:	1.37	1	0.54